

Kevin A. Welsh

Hermitage, PA • Contact via LinkedIn
kevinawelsh.com • linkedin.com/in/welsh-kevin • github.com/Welsh-Kevin

SUMMARY

Cloud Computing student and U.S. Air Force veteran with 8+ years of experience leading high-stakes operations and managing multi-million-dollar systems. AWS Certified Cloud Practitioner, currently preparing for the Solutions Architect – Associate exam (September 2026). Builds and operates live systems in a personal AWS account, including BoardRoom, an autonomous AI market research platform at boardroomtrading.com. Seeking a Cloud Engineer, Cloud Support Engineer, or Cloud Support Associate role.

PROJECTS

BoardRoom — Autonomous AI Market Research System | boardroomtrading.com

2026

- Operates a fully autonomous system in which 17 specialized Claude agents (Amazon Bedrock) scan roughly 1,500 US equities plus crypto daily; screener, research, portfolio, risk, and macro agents feed a senior layer that delivers synthesized briefings to Slack.
- Runs unattended on EC2 Graviton (Ubuntu Server 24.04) with IAM instance-role authentication to Bedrock (no static credentials), automatic HTTPS at a custom domain, and AWS Budgets plus CloudWatch cost controls.
- Docker Compose stack (FastAPI, PostgreSQL, Caddy) with GitHub Actions CI running tests and a Docker build on every push; dashboard secured with session auth, PBKDF2 password hashing, and rate-limited logins.
- Application code developed with AI assistance (Claude); architecture, AWS infrastructure, and operations self-directed.

PulseTracker — Stock Research Tool | Python, Flask, AWS

2026

- Built a stock research web app serving live market data (yfinance), news aggregation, and AI-generated summaries via a REST-style Flask backend; delivered with S3, CloudFront, IAM, and a GitHub Actions CI/CD pipeline.

kevinawelsh.com — Portfolio Website | S3, CloudFront, Lambda, Bedrock

2026

- Multi-page static site on S3 + CloudFront with automated deploys and cache invalidation via GitHub Actions; features a cost-guarded, Bedrock-powered AI assistant behind a Lambda Function URL.

EXPERIENCE

Independent Cloud & Software Engineering Development — Full-Time Skill Development May 2025 – Present

- Building hands-on AWS skills across architecture, serverless, and operations while shipping the live projects above and preparing for AWS certifications, in parallel with a B.S. in Cloud Computing.

United States Air Force — Ramp Services Supervisor, Air Transportation

Mar 2023 – May 2025

- Directed all ground operations at a high-volume international aerial port processing 45,000+ tons of cargo annually, ensuring zero critical mission failures across 3 consecutive years.

United States Air Force — Air Terminal Operations Supervisor, Air Transportation

Feb 2022 – Mar 2023

- Coordinated with logistics counterparts across 11 agencies in 29 countries to deliver 28,000 tons of humanitarian aid during a 340% surge in international traffic.

United States Air Force — Cargo Processing Supervisor, Air Transportation

Apr 2019 – Feb 2022

- Supervised 27 personnel across daily cargo operations, developing training programs that improved team qualification rates by 35% across 19 operational task areas.

EDUCATION

Franklin University — B.S., Cloud Computing

2025 – 2027 (expected Summer 2027)

Cloud-focused curriculum covering AWS architecture (CCP, SAA, CloudOps tracks), DevOps and IT automation, containers and orchestration, Azure administration, and cloud security.

Community College of the Air Force — Associate's Degree, Transportation

2017 – 2019

LICENSES & CERTIFICATIONS

- AWS Certified Cloud Practitioner — Amazon Web Services, issued 2026
- AWS Certified Solutions Architect – Associate — expected September 2026
- AWS CloudOps — expected November 2026

SKILLS

AWS: EC2, S3, Lambda, DynamoDB, CloudFront, Route 53, IAM, Amazon Bedrock, SNS, EBS, VPC / Security Groups, CloudWatch, AWS Budgets • Containers: Docker, Docker Compose • Linux • Python, Bash, SQL • CI/CD: GitHub Actions • Flask • Git